

Applicant requests an in-person interview with the Examiner prior to issuance of the next office action.

Applicant respectfully solicits the Examiner's consideration of this Amendment, and entry thereof into the record of this application.

Each of the added or amended claims listed below is either currently under consideration in this Application or reads on the elected species, Speech Synthesis.

In the claims, please add or amend as indicated:

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1. (once amended) An apparatus for selecting a menu option from a plurality of menu options, said apparatus comprising:
- (a) a display <sup>screen</sup> area;
  - (b) means for at least partially delimiting a plurality of selectable regions, each of the selectable regions outside the display area and each associated respectively with a displayed menu option;
  - (c) movement related signal receiving means for receiving a movement related signal indicating successive locations with respect to the display area; and
  - (d) selection means, responsive to a first dwell event associated with a particular [any] one of the selectable regions outside the display area, the particular selectable region intersected by a plurality of the successive locations for selecting the menu option associated with the particular selectable region [outside the display area associated with the first dwell event].

73. (twice amended) A voice output system for [an operator] a user having impaired speech comprising:

- C2  
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- (a) a display on which may be displayed a plurality of selectable regions within a polygon on the display, each selectable region adjacent a side of the polygon and one or more of the selectable regions associated respectively with and displaying on the display a sequence of one or more [characters] letters, the plurality of selectable regions together at least partially circumscribing a region on the display;

(b) a voice output device; and

(c) control means for:

- (1) receiving a movement related signal and moving a cursor within the polygon responsive to the movement related signal;
- (2) in response to a succession of selection events, each associated respectively with an intersection of the cursor and one of the selectable regions associated with one of the one or more sequences of one or more letters, appending the sequence associated with the intersected selectable region to at least one previously selected sequence; and
- (3) speaking, by means of the voice output device, the word spelled by the appended sequences.

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85. (once amended) An apparatus for selecting a menu option from a plurality of pluralities of menu options, said apparatus comprising:

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- (a) a surface;
- (b) means for delimiting a plurality of selectable regions on the surface, the plurality of selectable regions together at least partially circumscribing a region on the surface;
- (c) a pointer, responsive to the movement of a body member of [an operator] a user, for indicating successive locations on the surface;
- (d) sensor signal receiving means for receiving a sensor signal; and
- (e) selection means
  - (1) responsive to the sensor signal, for associating each of the selectable regions respectively with the menu options of one of the plurality of menu options, and
  - (2) responsive to a [dwell event] quantity equalling or exceeding a predetermined quantity, the quantity being a function of the durations of one or more successive periods of intersection of two or more of the successive locations and a particular selectable region, for selecting the menu option associated with the particular selectable region [intersected by one of the successive locations indicated by the pointer].

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90. (once amended) The apparatus of claim 1 wherein the first dwell event includes a first quantity equalling or exceeding a predetermined quantity, the first quantity being a function of the

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duration of a period of intersection of two of the successive locations and [one of] the particular selectable region[s]; and wherein the selection means further includes means for indicating the remaining dwell time required to select the menu option associated with the [intersected] particular selectable region.

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91. (once amended) The apparatus of claim 90 wherein the menu option associated with the [intersected] particular selectable region represents a sequence of one or more words; and further comprising a voice output device for speaking the sequence of one or more words responsive to the selection means selecting the menu option associated with the [intersected] particular selectable region.

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92. (once amended) The apparatus of claim 90 wherein the menu option associated with the [intersected] particular selectable region is associated with a submenu comprising a plurality of submenu options each associated respectively with one of the selectable regions; and wherein the selection means is further operative:

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- (a) to display on the display area the submenu options, responsive to the first dwell event;  
and
  - (b) to select, responsive to a second dwell event, the submenu option associated with the selectable region associated with the second dwell event.

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94. (once amended) A voice output system for [an operator] a user having impaired motor control, said voice output system comprising:

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- (a) a display <sup>Screen</sup> area;
  - (b) means for completely delimiting an invisible selectable region outside the display <sup>Screen</sup> area associated with a sequence of one or more words;
  - (c) a voice output device;
  - (d) movement related signal receiving means for receiving a movement related signal indicating successive locations with respect to the display area; and
  - (d) selection means, responsive to a [first dwell event associated with the] quantity equalling or exceeding a predetermined quantity, the quantity being a function of the durations of one or more successive periods of intersection of two or more of the successive locations and the selectable region outside the display area, for selecting the selectable region;
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whereby the [operator] user may select the selectable region outside the display and speak, with the voice output device, the sequence of one or more words.

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concl'd 93. (once amended) The apparatus of claim 90 further comprising a plurality of selectable regions on the display area, each associated respectively with one of the selectable regions outside the display area; wherein the first quantity is further a function of the duration of a period of intersection of two of the successive locations and one of the selectable regions on the display area; and wherein the selection means is further operative to select the menu option associated with the selectable region outside the display area associated with the intersected selectable region on the display area.

98. (once amended) The apparatus of claim 6 wherein the menu option associated with the [intersected] particular selectable region represents a sequence of one or more words; and further comprising a voice output device for speaking the sequence of one or more words responsive to the selection means selecting the menu option associated with the [intersected] particular selectable region.

Sub D3  
C1 104. (once amended) The apparatus of claim 73 wherein the movement related signal is responsive to the head movement of the [operator] user; wherein each of the plurality of selectable regions is adjacent an edge of the display; wherein each of the succession of selection events includes a plurality of periods of intersection of the cursor and the intersected selectable region, each [of the] plurality of periods of intersection having a total duration equalling or exceeding a predetermined period; and wherein the selection means further includes means for indicating the difference between the predetermined period and the total duration of the plurality of periods.

Sub D4  
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C30 106. (once amended) In voice output system for [an operator] a user having impaired motor capability, an apparatus for selecting a menu option associated with an overshoot selectable subregion on a display, said apparatus comprising:

- (a) a voice output device;
- (b) the display <sup>screen</sup>;
- (c) a menu comprising a plurality of menu options, each associated respectively with a

sequence of one or more letters; and

(d) control means for:

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- (1) delimiting a plurality of selectable regions, each of the selectable regions associated respectively with one of the plurality of menu options, and each of the selectable regions including a subregion adjacent the display and a subregion on the display, the subregion adjacent the display and the subregion on the display adjacent one another, the plurality of the subregions on the display together at least partially circumscribing a region on the display; *cont outside*
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- (2) receiving a movement related signal indicating successive locations with respect to the display;
- (3) in response to a succession of dwell events, each including [associated respectively with] an intersection of a first one and a second one of the successive locations and one of the subregions adjacent the display, selecting the sequence of one or more letters associated with each of the intersected subregions [associated with each dwell event], and appending the selected sequence to at least one previously selected sequence; and
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- (4) speaking, by means of the voice output device, the word spelled by the appended sequences.

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107. The apparatus of claim 1 wherein the first dwell event includes a first quantity equalling or exceeding a predetermined quantity, the first quantity being a function of the durations of one or more successive periods of intersection of two or more of the successive locations and the particular selectable region.

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108. The apparatus of claim 1 wherein at least one of the selectable regions is completely delimited.

*C9 Sub D5*

109. The apparatus of claim 98 wherein the first particular selectable region is invisible.

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110. The apparatus of claim 98 wherein the selection means is responsive only to the first dwell event.

111. The apparatus of claim 100 wherein the device includes any one of a voice output device, a

motorized transport device, a household appliance, an appliance for use in an office, a workstation, a robot, and a computer peripheral.

112. The apparatus of claim 73 wherein the control means moves the cursor only with the polygon.

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113. The apparatus of claim 106 wherein the dwell event includes a first quantity equalling or exceeding a predetermined quantity, the first quantity being a function of the durations of one or more successive periods of intersection of two or more of the successive locations and the intersected selectable subregion.

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114. A voice output system comprising:

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- (a) a display area including a working region with a periphery;
  - (b) a movement related signal receiver for receiving a movement related signal indicating a location with respect to the display area responsive to user movement by a user, the user movement indicating a potential user selection;
  - (c) a delimit device for delimiting selectable regions adjacent the periphery of the working region, each of the selectable regions selectable by the user and having an external boundary wherein the external boundary includes the side of the selectable region furthest from the working region and having either a confiner for preventing the movement related signal indicating the location from moving beyond the external boundary of the selectable region or having an activation area extending beyond the external boundary of the selectable region and beyond the display area, <sup>screen</sup> each of the selectable regions associated respectively with and simultaneously displaying a first sequence of one or more characters, a first sequence of one or more words, or a first sequence of one or more symbols representing the first sequence of one or more words; and
  - (d) a voice output device for speaking the first sequence of one or more characters and/or words associated with a first particular selectable region responsive to a first intersection of the movement related signal and the first particular selectable region or the activation area associated therewith, thereby providing the user with the ability to select the first particular selectable region while overshooting the first particular selectable region or by providing a confiner to the first particular selectable region for the movement related signal.
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115. The voice output system of claim 114 wherein the voice output device is further responsive to a period of the intersection of the movement related signal and the first particular selectable region or the activation area associated therewith, the period of intersection equalling or exceeding a predetermined period.

116. The voice output system of claim 115 wherein the voice output device is only responsive to the period of the intersection of the movement related signal and the first particular selectable region or the activation area associated therewith equalling or exceeding the predetermined period for speaking the first sequence of one or more characters and/or words associated with the first particular selectable region.

117. The voice output system of claim 115 wherein the predetermined period equals or exceeds two hundred milliseconds.

118. The voice output system of claim 114 wherein none of the selectable regions is adjacent another of the selectable regions.

119. The apparatus of claim 114 wherein the delimit device is further operative to delimit a second selectable region outside the working region and adjacent one of the first selectable regions, the first selectable region selectable by the user and having an external boundary wherein the external boundary includes the side of the selectable region furthest from the working region, the second selectable region having a confiner for preventing the movement related signal indicating the location from moving beyond the external boundary of the second selectable region or having an activation area extending beyond the external boundary of the second selectable region, the second selectable region associated with a second sequence of one or more characters, a second sequence of one or more words, or a second sequence of one or more symbols representing the second sequence of one or more words.

120. The apparatus of claim 114 wherein a particular confiner of at least one of the selectable regions is further operative to confine the movement related signal within a particular side of the selectable region other than the external boundary.

121. The apparatus of claim 120 wherein the particular confiner, responsive to any one of:

- (a) a path of the movement related signal;
- (b) a change of direction of the movement related signal;
- (c) a velocity of the movement related signal;
- (d) an acceleration or deceleration of the movement related signal; and
- (e) a change in the acceleration or deceleration of the movement related signal;

may allow the movement related signal to pass through the particular side of the selectable region other than the external boundary.

122. The apparatus of claim 114 wherein a first cursor is displayed on the display area at or near the location indicated by the movement related signal and a second cursor differing in appearance from the first cursor is displayed on the display area responsive to the location indicated by the movement related signal intersecting or nearly intersecting the external boundary of the particular of the selectable region.

123. The voice output system of claim 114 wherein the voice output device is further responsive to an intersection of the movement related signal and one of the selectable regions for repeating the previously spoken first sequence of one or more words.

124. The voice output system of claim 123 wherein the repeated sequence of one or more words is spoken either more loudly or more slowly than the previously spoken sequence.

125. The voice output system of claim 114 wherein the previously selected first sequence may be deleted prior to being spoken by the voice output device, the deletion being responsive to an intersection of the movement related signal and one of the selectable regions..

126. The voice output system of claim 114 wherein each of the selectable regions is located outside the display area.

127. The voice output system of claim 126 further comprising indicators on the display area, each indicator associated respectively with one of the selectable regions and indicating the location



of the associated selectable region.

128. The voice output system of claim 127 wherein the first particular indicator associated with the first particular selectable region may indicate the intersection of the movement related signal and the first particular selectable region.

129. The voice output system of claim 114 wherein the voice output device is at least partially disabled in response to an intersection of the movement related signal and one of the selectable regions or the activation area associated therewith.

130. The voice output system of claim 129 wherein the voice output device, in response to an intersection of the movement related signal and one of the selectable regions or the activation area associated therewith, is restored to the functionality it had prior to the at least partial disabling of the voice output device.

131. The voice output system of claim 114 further comprising a computer system capable of executing an application program which may display at least part of its output in the working region; and wherein at least one of the first sequence of characters, words, or symbols represents an input to the application program.

132. The voice output system of claim 131 further comprising a pointer selected from the group consisting of a (1) mouse; (2) trackball; (3) joystick; (4) stylus and graphics tablet; (5) lightpen; (6) thumb wheel; (7) touch screen; (8) head pointer; and (9) intraoral pointer, the pointer coupled to the computer system; and wherein the movement related signal reflects movement of the pointer.

133. The voice output system of claim 114 wherein the user movement is the movement of a body member of the user other than either of the user's eyes.

134. A voice output system comprising:  
(a) a surface including a selectable region selectable by a user and associated with a sequence of one or more characters, a sequence of one or more words, or a sequence of one or more

symbols representing a sequence of one or more words;

- (b) movement related signal receiving means for receiving a movement related signal indicating a first location intersecting the selectable region and, at a later time, a second location intersecting the selectable region;
- (c) an indicator for indicating in a first manner at least the difference between the time the second location occurs and the time the first location occurs; and
- (d) a voice output device for speaking the first sequence of one or more characters and/or words associated with the selectable region responsive to a first quantity that is a function of the difference equalling or exceeding a predetermined quantity.

135. The voice output system of claim 134 wherein the indication of the difference includes any one of:

- (a) a visible signal;
- (b) an audible signal; and
- (c) a tactile signal.

136. The voice output system of claim 134 wherein the indicator may indicate a second quantity which is a function of the difference between

- (a) a predetermined period; and
- (b) the difference between the time the second location occurs and the time the first location occurs.

137. The voice output system of claim 134 wherein the movement related signal further indicates, at a time later than the time the second location occurs, a third location not intersecting the selectable region and the indicator is further operative to indicate the non-intersection of the third location and the selectable region.

138. The voice output system of claim 134 wherein the movement related signal further indicates, at a time later than the time the second location occurs, a third location not intersecting the selectable region and, at a later time, indicates a fourth location not intersecting the selectable region and the indicator is further operative to indicate at least the difference between the time the fourth location occurs and the time the third location occurs.

139. The voice output system of claim 138 wherein the indicator is further operative to produce an output signal which varies in at least one way as the difference between the time the second location occurs and the time the first location occurs increases and varies in at least the opposite way as the difference between the time the fourth location occurs and the time the third location occurs increases.

140. The voice output system of claim 134 wherein the indication in the first manner includes a modification in brightness.

141. The voice output system of claim 134 wherein the indicator is further operative to indicate in a second manner the first quantity equalling or exceeding the predetermined quantity.

142. The voice output system of claim 141 wherein the indication in the first manner includes a slight modification and the modification in the second manner includes a marked modification.

143. The voice output system of claim 141 wherein the indication in the second manner includes a modification in hue.

144. The voice output system of claim 134 wherein the indicator intersects the selectable region.

145. The voice output system of claim 144 wherein the indicator and the selectable region are coterminous.

146. The voice output system of claim 134 further comprising a confiner for preventing the movement related signal indicating the first and second locations from moving beyond a side of the selectable region.

147. A voice output system comprising:

- (a) a display area including a working region with a periphery;
- (b) a movement related signal receiver for receiving a movement related signal indicating a location with respect to the display area responsive to user movement by a user, the user

movement indicating a potential user selection;

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- (c) a menu hierarchy including a menu comprising a plurality of menu options, a specific one of the menu options associated with a submenu comprising a plurality of submenu options, each of the submenu options associated respectively with a sequence of one or more characters, a sequence of one or more words, or a sequence of one or more symbols representing the sequence of one or more words;
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- (d) a delimit device for delimiting a first and second plurality of selectable regions adjacent the periphery of the working region, each of the selectable regions selectable by the user and having an external boundary wherein the external boundary includes the side of the selectable region furthest from the working region and having a confiner for preventing the movement related signal indicating the location from moving beyond the external boundary of the selectable region or having an activation area extending beyond the external boundary of the selectable region and beyond the display area, a specific one of the first plurality of selectable regions associated with the specific menu option and each of the second plurality of selectable regions associated respectively with and simultaneously displaying one of the submenu options; and
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- (e) a voice output device for speaking the particular sequence of one or more characters and/or words associated with a particular one of the second plurality of selectable regions responsive to a first intersection of the movement related signal and the specific selectable region or the activation area associated therewith and thereafter to a second intersection of the movement related signal and the particular selectable region or the activation area associated therewith, thereby providing the user with the ability to select each of the specific and the particular selectable regions while overshooting the specific or the particular selectable region or by providing a confiner to the specific or the particular selectable region for the movement related signal.
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148. The voice output system of claim 147 wherein the specific menu option is further associated with a specific sequence of one or more characters, words, or symbols including at least part of the particular sequence, or represents a class of characters or words, the class including the particular sequence.

149. The voice output system of claim 148 wherein the class is any one of:

- (a) a class of characters having a common element in Morse code;
- (b) a part of speech;
- (c) a meaning;
- (d) a physical characteristic;
- (e) a functional characteristic;
- (f) a direction;
- (g) a class of characters having an extension at least a predetermined distance above a baseline; and
- (h) a class of characters having an extension below a baseline;

150. The voice output system of claim 148 wherein, responsive to the selection of the specific selectable region, the individual characters, words, or symbols associated therewith are associated respectively with and simultaneously displayed by the second plurality of selectable regions for eventual selection by the user.

151. The voice output system of claim 148 wherein the distance on the display area between the specific selectable region and each of at least two of the second plurality of selectable regions is responsive to a relative frequency of the use of the sequence of characters, words, or symbols associated with each of the at least two selectable regions.

152. The voice output system of claim 151 wherein the sequence of characters, words, or symbols associated with one of the at least two selectable regions is more commonly used than the sequence of characters, words, or symbols associated with another one of the at least two selectable regions; and the distance between the specific selectable region and the one of the at least two first selectable regions associated with the more commonly used sequence is less than the distance between the specific selectable region and the another one of the at least two first selectable regions.

153. The voice output system of claim 148 wherein the position of at least two characters, words, or symbols within the displayed specific sequence indicates the position of the one of the second plurality of selectable regions on the display area associated with the character, word, or symbol.

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154. The voice output system of claim 147 wherein the particular sequence includes a sequence of one or more symbols, at least one symbol of the first sequence representing any one of a letter of a sign alphabet, a sign of a sign language, a topic of conversation, a sentence, a sequence of one or more graphics including an ideograph, and a symbol of a symbol set including but not limited to the Picture Communication Symbols symbol set, the Rebus symbol set, the Picsyms symbol set, the Pictogram Ideogram Communication Symbols symbol set, the Yerkish symbol set, the Blissymbolics symbol set, the Self-Talk symbol set, the Imaginart symbol set, the DynaSyms symbol set, the Oakland Picture Dictionary symbol set, the Talking Pictures symbol set, the Minspeak symbol set, the Unity symbol set, and the Core Picture Vocabulary symbol set.

Sub D-11  
155. A voice output system comprising:

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amt
- (a) a display area including a working region with a periphery;
  - (b) a movement related signal receiver for receiving a movement related signal indicating a location with respect to the display area responsive to user movement by a user, the user movement indicating a potential user selection;
  - (c) a delimit device for delimiting selectable regions adjacent the periphery of the working region, each of the selectable regions selectable by the user and having an external boundary wherein the external boundary includes the side of the selectable region furthest from the working region and having a confiner for preventing the movement related signal indicating the location from moving beyond the external boundary of the selectable region or having an activation area extending beyond the external boundary of the selectable region and beyond the display area, each of the selectable regions associated respectively with and simultaneously displaying a sequence of one or more characters, a sequence of one or more words, or a sequence of one or more symbols representing the sequence of one or more words; and
  - (d) a voice output device for speaking the sequence of one or more characters and/or words associated with a particular selectable region responsive to a quantity equalling or exceeding a predetermined quantity, the quantity being a function of the duration of a plurality of periods of intersection of the movement related signal and the particular selectable region or the activation area associated therewith,
- Continuous duration

thereby providing the user with the ability to select the particular selectable region while overshooting the particular selectable region or by providing a confiner to the particular selectable region for the movement related signal.

5 156. The voice output system of claim 155 wherein the quantity is further a function of the duration of a period of non-intersection of the movement related signal and the particular selectable region or the activation area associated therewith.

10 157. The voice output system of claim 156 wherein the quantity varies one way as the duration of one of the periods of intersection increases and varies in an opposite way as the duration of the period of non-intersection increases.

158. An apparatus for selecting a menu option from a plurality of menu options, said apparatus comprising:

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- (a) a display area including a working region with a periphery;
  - (b) a movement related signal receiver for receiving a movement related signal indicating a location to be selected with respect to the display area responsive to a user selection by a user;
  - (c) a delimit device for delimiting selectable regions adjacent the working region, each of the selectable regions having an external boundary wherein the external boundary is the side of the selectable region furthest from the working region, each of the selectable regions having a confiner for preventing the movement related signal indicating the location from moving beyond the external boundary of the selectable region or having an activation area extending beyond the external boundary of the selectable region, each of the selectable regions associated respectively with one of the menu options; and
  - (d) a selector for selecting the menu option associated with a particular one of the selectable regions responsive to an intersection of the movement related signal and the particular selectable region or the activation area associated therewith, thereby providing the user with the ability to select the particular selectable region while overshooting the particular selectable region with the movement related signal or by providing a confiner to the particular selectable region for the movement related signal.
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159. A voice output system comprising:

- (a) a display area including a working region with a periphery;
- (b) a display device for displaying menu options on the display area, each menu option displayed adjacent the periphery of the working region, each menu option associated respectively with a user activatable switch outside the display area, the switch being positionable with respect to the location of each menu option for selection thereof, each menu option associated respectively with a sequence of one or more characters, a sequence of one or more words, or a sequence of one or more symbols representing a sequence of one or more words, for selection via the switch; and
- (c) a voice output device for speaking the sequence of one or more characters or words associated with a particular menu option, in response to the position of the switch corresponding to the particular menu option for a period equalling or exceeding a predetermined time period.

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160. A voice output system comprising:

- (a) a display area including a working region with a periphery;
- (b) a display device for displaying menu options on the display area, each menu option displayed adjacent the periphery of the working region, each menu option associated respectively with a user activatable switch outside the display area, the switch being positionable with respect to the location of each menu option for selection thereof, each menu option associated respectively with a sequence of one or more characters, a sequence of one or more words, or a sequence of one or more symbols representing a sequence of one or more words, for selection via the switch;
- (c) a voice output device for speaking the sequence of one or more characters or words associated with a particular menu option, in response to the position of the switch corresponding to the particular menu option for a first time period equalling or exceeding a predetermined time period; and wherein the display device further includes an indicator for indicating at least the difference between the first time period and the predetermined time period.

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161. A voice output system comprising:

- (a) a display area including a working region with a periphery;



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- (b) a menu hierarchy including a menu comprising a plurality of menu options, a specific one of the menu options associated with a submenu comprising a plurality of submenu options, each of the submenu options associated respectively with a sequence of one or more characters, a sequence of one or more words, or a sequence of one or more symbols representing the sequence of one or more words;
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- (c) a display device for displaying menu options and submenu options on the display area, each menu option displayed adjacent the periphery of the working region, each menu option and submenu option associated with a user activatable switch outside the display area, the switch being positionable with respect to the location of each menu option or submenu option for selection thereof; and
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- (d) a voice output device for speaking the particular sequence of one or more characters or words associated with a particular one of the submenu options, in response to the position of the switch corresponding to the specific menu option for a first time period equalling or exceeding a first predetermined time period and thereafter to the position of the switch corresponding to the particular menu option for a second time period equalling or exceeding a second predetermined time period
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conc

162. A voice output system comprising:

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- (a) a display area including a working region with a periphery;
- (b) a display device for displaying menu options on the display area, each menu option displayed adjacent the periphery of the working region, each menu option associated respectively with a user activatable switch outside the display area, the switch being positionable with respect to the location of each menu option for selection thereof, each menu option associated respectively with a sequence of one or more characters, a
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- sequence of one or more words, or a sequence of one or more symbols representing a sequence of one or more words, for selection via the switch; and
- (c) a voice output device for speaking the particular sequence of one or more characters or words associated with a particular one of the menu options, in response a quantity equalling or exceeding a predetermined quantity, the quantity being a function of the
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- duration of a plurality of periods in which the position of the switch corresponds to the particular menu option.

joystick  
switches.

same  
as 155.

163. A method of speaking for an individual having impaired motor capability and impaired speech, said method comprising the steps of:

simultaneously displaying selectable regions adjacent a working region on a display, one  
or more of the selectable regions associated respectively with a sequence of one or more  
characters, a sequence of one or more words, or a sequence of one or more symbols  
representing a sequence of one or more words;

receiving a movement related signal indicating a location with respect to the display, the  
movement related signal responsive to user movement indicating a potential user  
selection;

speaking the sequence of one or more characters or words associated with a particular  
selectable regions responsive to a period of intersection of the particular selectable region  
and the location indicated by the movement related signal or the location on the display  
closest thereto, the period equalling or exceeding a predetermined period, whereby the  
user may make a selection although the user movement overshoots the particular  
selectable region on the display.

## II. REQUESTS UNDER 37 C.F.R. §107(b)

In the Office Action, Examiner Weldon states that Baker et al "suggests that 'some sort of  
template' can be used outside the screen to aid in learning 'the relationship of peripheral regions to  
menu items'". (Office Action, p.6). Examiner Weldon next jumps to the conclusion that this would  
have suggested a "template to surround at least the periphery 41 of window 42". Given that Baker (a)  
provides an example of a template, 31 in Figure 2, that does not surround the screen, and (b) states  
that his template is *outside* the screen, and (c) that window 42 of Baker's Figure 8 is smaller than the  
screen, as explained below, the leap to a template surrounding window 42 appears to be based on the  
Examiner Weldon's personal knowledge. Applicant requests the Examiner provide a prior art  
reference or affidavit under 37 C.F.R. §107(b) to fill in the missing gaps or withdraw the rejection.

In the Office Action, Examiner Weldon next multiplies the suggested configurations by four,